Title: RIBOSOME STRUCTURE AND PROTEIN SYNTHESIS INHIBITORS
Inventors: Steiz et al.
Serial No. 10072.634
Atty Doxet No. RIB-605
Atty: Dana M. Steel
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Minihelix N-aminoacylated A Peptidyl-transferase Intermediate CCdAp-Puromycin phosphorus peptide  $\mathbf{\omega}$ 

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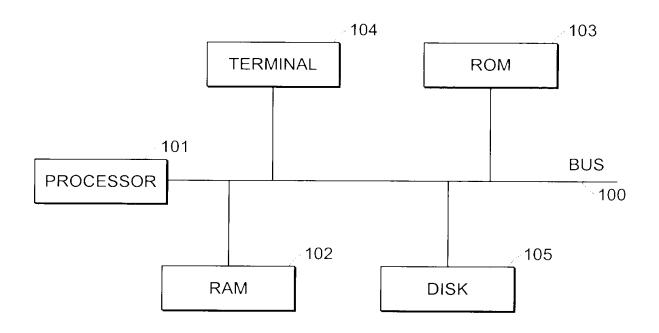


FIG. 31

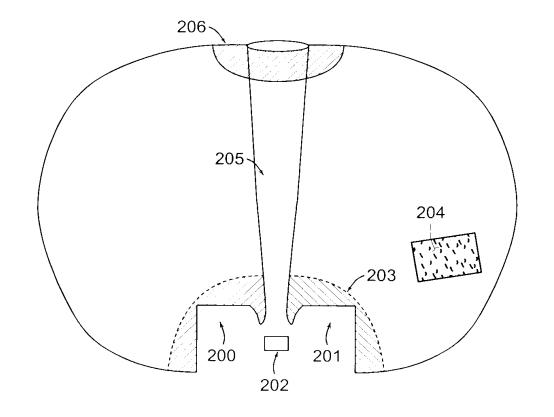


FIG. 32

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FIG. 34

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 $CH_3$ HO Chloramphenicol 0 H//  $^{\prime}$ NO $_{2}$ N H CI 0= Sparsomycin N H ОН Н CI о <sup>НО</sup> ĊH3  $NO_2$ N N **▲** OH

> n = 1, Sparsochloramphenicol Hybrid A n = 2, Sparsochloramphenicol Hybrid B

> > FIG. 35

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FIG. 34

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HO ĊН<sub>3</sub> Chloramphenicol 0 H// 0 N H CI Sparsomycin N H Н ŌН CI o<sup>HO</sup>  $NO_2$ ÇH₃ H// N N H ŌΗ n = 1, Sparsochloramphenicol Hybrid A Н n = 2, Sparsochloramphenicol Hybrid B

FIG. 35